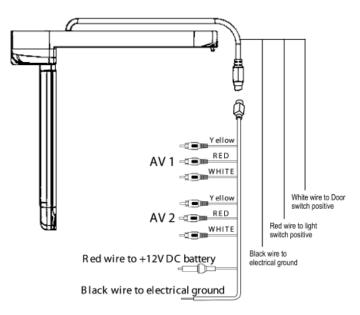


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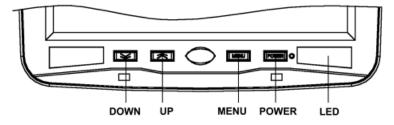
1. INSTALLATION GUIDE

- 1. On a towel or soft cloth, gently place the monitor unit "facedown" on a stable work surface.
- 2. Locate the pigtail with the DIN connector.
- 3. Connect the DIN connector to the interface cable provided.
- 4. Connect the RED wire to the positive (+) battery terminal.
- 5. Connect the Black wire to a chassis electrical ground point.
- Connect the cable with YELLOW RCA jack to Video Input sources for your Video Program material.
- 7. Connect the cable with RED and WHITE RCA jacks to Audio sources for your Audio Program material.
- 8. Dome Light Circuit: (NOT SHOWN IN PICTURE) Connect the Black to Ground. Connect one white lead to the dome light circuit that is positive (+) when the door is open. Connect the red lead to a constant positive (+).



2. FUNCTION KEYS

2.1 FRONT PANEL FUNCTIONS



- POWER: Press the "POWER" button once, To "POWER ON." Press it again, to "POWER OFF."
- MENU: Press MENU to Display OSD. Press again to exit MENU. When in sub-menus, press "MENU" to return to the main MENU
- UP/DN: Use to make item selection in OSD menus and to increase/decrease selection parameters.

3. MONITOR TROUBLE SHOOTING

3.1 NO POWER

- 1. Make sure the power cable has been pluged in.
- 2. Check power source for +12V.

3.2 REMOTE CONTROL NOT FUNCTIONING

- 1. Make sure the batteries are in good condition and installed properly.
- 2. Be sure to aim the remote control at the receiver and check to see there are no obstacles in between.
- 3. Perhaps, it is too far away from the receiver. Normal operating distance is approximately 20 feet.

3.3 NO DISPLAY OR PICTURE NOT CLEAR

- 1. Check the video signal wires to ensure they are connected properly.
- 2. Check for source signal.

4. SPECIFICATIONS

ITEM	DESCRIPTION	
LCD Panel:	13.3" TFT	
Active Area	270.3 (W) x 202.8 (H) mm	
Resolution:	1024(H) x 3(RGB) x 768(V)	
Display Colors:	262,144 colors	
Pixel Pitch (mm):	0.264 (H) x 0.264 (V) mm	
Backlight Unit	CCFL Side-light type (single lamp)	
Contrast Ratio:	200:1	
Brightness (cd/m2):	180	
Viewing angle:	Horizontal: 60° (typ.,left side) , 60° (typ.,right side) Vertical: 30° (typ.,up side) , 45° (typ.,down side)	
IR Transmitter	Yes	
Power management:	15W power consumption (typ.), less than 3W when in backlight sleep mode.	
User's Control:	Power on/off, OSD control	
System	 Auto detection between NTSC/PAL SECAM is available 	
Dimensional outline(mm):	329.0mm (W) x 360mm (H) x 42mm (D)	
Weight	2.6 kg	
Safety certifications	UL, FCC, CE, TUV,	
Environmental Condition	Operation Temp.: 0~50 degree C Storage Temp.: -20~60 degree C Humidity: 10~90%	
Disc Format	DVD, DVD+/-R, DVD+/-RW, VCD, MP3, CD, CD-R, CD-RW	

5. <u>ACCESSORIES</u>

- PS2/CAR CABLE
 SCREW DACK
 LISER MANUAL
- SCREW PACK
- 🔊 USER MANUAL
- Semigradian Se

6. TYPES OF DISCS PLAYABLE ON THIS PLAYER

- The discs listed on the table below can be played on this player without an adapter.
- The marks shown on the table below are indicated on the disc's label, package or jacket

Types of playable Discs and their marks	Diameter/playable sides	Playback time
DVD video	DVD video 12cm/single- 1 layer Sided 2 layer 2cm/double- 1 layer Sided 2 layer	MPEG2 format: 133minutes (4.7GB) 242minutes (8.5GB) 266minutes (9.4GB) 484minutes (17GB)
VIDEO	DVD video 8cm/single- 1 layer Sided 2 layer 8cm/double- 1 layer Sided 2 layer	MPEG2 format: 41minutes 75minutes 82minutes 150minutes
	12cm/single-sided CD 8cm/single-sided CD	74minutes 20minutes

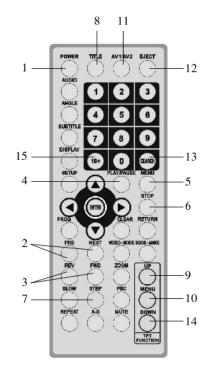
6-1 FRONT PANEL FUNCTIONS

DVD discs of packages include the marks shown below. These marks indicate the type of video or audio signals recorded on the disc and the functions that can be used.

Mark	Meaning
2	Indicates the number of audio tracks.
	Indicates the number of angles.
16:9 LB	Indicates the selectable picture aspect ratio.
2	Indicates the playable region number.

7. PART NAMES AND FUNCTIONS

7.1 Remote Control Unit - Main Buttons



1. POWER Button

The power turns on or off when this button is pressed.

- PRE/NEXT Buttons
 Use these buttons to search for the beginnings of tracks or chapters.
- REV/FWD-Scan Buttons Use these buttons to scan forward or backward pictures or sound.
- PLAY/PAUSE Button Use this button to play picture or sound or stop temporarily.
- MENU Button Press this button to display the DVD's menu screen

- STOP Button Press this button to stop playback of the picture or sound.
- 7. STEP Button Press this button for step-by-step
- playback.8. TITLE ButtonPress this button to display the DVD's
- title.
- 9. UP Button Press this button to increase value.
- 10. MODE Button

Press this button to switch LCD mode: Monitor, Brightness, Color, Reverse. Then press ▲/▼ to adjust: Monitor: Screen size--16:9 or 4:3 Brightness: Level 0 to Level 100 Color: Level 0 to Level 100

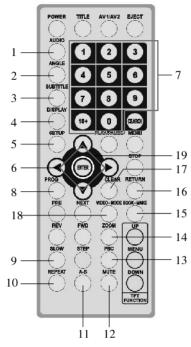
- AV1/AV2 Button
 Press this button to switch between
 AV1 and AV2 functions.
- 12. EJECT Button
 - Press this to slide the disc out or in.
- SEARCH Button Locating a title/ chapter/ time and playing.
- 14. DOWN Button

Press this button to decrease value.

15. 10+ Button

This button is used to select a program of which the sequence number on the disc is more than 10.

7.2 Remote Control Unit - Other Buttons



- 1. AUDIO Button Press this button to switch the audio
 - Languages.
- 2. ANGLE Button Press it to switch the picture's angle.
- SUBTITLE Button Press it to switch the program's subtitle languages.
- DISPLAY Button Press it to display the disc Information.
- 5. SETUP Button Press it to enter or quit the SETUP Menu.
- 6. ENTER Button
- Press it to enter setting.
- 7. NUMERICAL Buttons Press these buttons to input numbers.

8. PROGRAM Button Use this button to program individually. 9. SLOW Button Press this button to slow playback at 1/2,1/4,1/6 speed. 10. REPEAT Button For DVDs, use it to play title or chapters repeatedly. For CDs, use it to play tracks or the entire disc repeatedly. 11. A-B Button Press it during playback to set Point A and Point B and then the program between Point A and B can be played repeatedly. 12. MUTE Button Press the button during playback to stop the audio output. Press it again to resume. 13. PBC Button Playback control 14. ZOOM Button Zoom in or zoom out the picture on screen. 15. BOOK- MARK Button Press this button to bookmark function. 16. RETURN Button Press this button to return to the previous item 17. CLEAR Button Clear the numbers which have been input. 18. VIDEO MODE Button Select the video mode as NTSC or PAL. 19. CURSOR ($\triangleleft/ \triangleright / \land / \lor$) Button Use these buttons when select setting items to move the cursor up, down, left and right. Press $\triangleleft/\triangleright$ buttons to adjust LCD mode.

8. PLAYBACK FUNCTIONS

8.1 Loading Disc

- 1. Push to insert the disc
- 2. If no power supply, the disc will not be inhaled.

Notes:

- Do not use cracked or warped discs. Doing so could result in damage.
- Set the disc securely. Failure to set it securely could result in damage.
- Set single-sided DVDs or CDs with the label sidefacing upwards.
- 3. The disc will be automatically inhaled.





8.2 Playing Disc

Loading the disc

- One of the following messages appears on the LCD: DVD, VCD, CD.
- For some discs, playback starts automatically when the disc is close.
- When discs for which program memories are set, playback starts automatically in the order.

8.3 DVD

Use the cursor buttons to select the item, then press the ENTER button.

Press the numeral button on the remote control unit to select item.

Example: For DVDs with menu screen

8.4 TO DISPLAY THE MENU SCREEN

The way in which the menu screen is displayed differs from disc to disc. Press the MENU, TITLE button during playback of DVDs, the RETURN button during PBC playback of video CDs. For details, refer to the documentation included with the disc.

8.5 STOPPING THE DISC

Press the STOP button.

Resume function (DVDs and Video CDs)

Hint:

• For some discs, playback may not start from the position at which was stopped. If the STOP button then the previous is pressed while the resume function is on, playback starts from the beginning of the title.

8.6 PAUSING THE DISC

Press the PLAY/PAUSE button. Press the button again to resume playback.

8.7 Scanning Forward And Backward

During playback, press the PRE or NEXT button. Reverse direction. Forward direction

8.8 RETURNING TO THE PREVIOUS CHAPTER OR TRACK OF

DVDS, VIDEO CDS AND CDS

Press the PRE button during playback.

When pressed, playback returns to the beginning of the previous chapter or track.

8.9 MOVING AHEAD TO THE NEXT CHAPTER OR TRACK OF DVDS, VIDEO CDS AND CDS.

Press the NEXT button during playback.

When pressed once, playback moves forward to the next chapter or track.

8.10 REMOVING DISCS

- 1. Press the STOP button.
- 2. Press EJECT button to open the disc.
- 3. Remove the disc.

CAUTION:

When connecting the player to an external TV monitor, please make sure that (for better audio and visual performance) you switch/adjust the "TV Output Type" (marked \rightarrow) as NTSC (default setting) or PAL according to local TV system, as the below SETUP MENU shows:



OUTPUT TYPE Setting Menu

9. VARIOUS LANGUAGE AND SUBTITLE SETTINGS

Disc Setting

Select "DISC SETTING" by using the " \triangleleft / \triangleright " button on the remote control unit, then press 'ENTER' button to enter the DISC SETTING menu.



Disc Setting Menu

10. SETTING THE PARENTAL LOCK LEVEL

Select 'Parental' by using "◀/ ▶" button on the remote control unit, then press 'ENTER' to enter the submenu.



Rating Setting Screen

Note:

To avoid the possibility of others using the default password to set the parental level and change the password, you can record this default password in another area and delete it from this Manual.

11. OTHER SETTING

11.1 Video Setting

Select "VIDEO SETTING" by using " \blacktriangleleft / \blacktriangleright " button on the remote control unit, then press ENTER button to enter the VIDEO SETTING screen.



Disc Setting Menu

11.2 Dolby Digital Setting

- a) Select "DOLBY DIGITAL" by using " ◀/▶ " button on the remote control unit, and then press ENTER to enter the submenu.
- b) Select the desired Dolby Digital Playing Mode either PCM or BITSTREAM to your choice by using " ▲/▼ "button on the remote control unit, then press 'ENTER' to confirm the setting.
- c) Press 'RETURN' to return.

Note: Normal playing by PCM mode will provide you a non-compressed music which is preferred when you play CD/DVD disc.



DOLBY DIGITAL Setting

11.3 Display Setting

Select "DISPLAY SETTING" by using " \blacktriangleleft / \blacktriangleright " button on the remote control unit to enter the display setting menu.

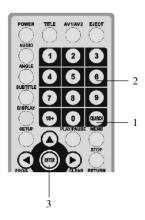


Display Setting Menu

12. ADVANCED FUNCTIONS

12.1 Search For A Specific Scene

- 1. Press the SEARCH button.
- 2. Press the numeral button to select specific time or title/chapter.
- 3. Press the ENTER button and playback starts from the specific chapter number.



12.2 Viewing In Slow Motion DVDs And Video CDs

Press the SLOW button during playback, the playback speed becomes 1/2, 1/4, or 1/6 of the normal speed each time you press the SLOW button.

12.3 Repeat Play DVDs, Video CDs And CDs

- **Repeat A TITLE , CHAPTER, Or TRACK** Press the REPEAT button.
- Repeat A Section Between Point A And B.

During playback, press A-B button on the remote control unit at the starting point of the section you want to repeat. (Point A)

Press A-B button again at the ending point of the section you want to repeat. (Point B) Press A-B button again to cancel the A-B repeat function.

12.4 Selecting The Picture's Angle (Multi-Angle)

Press the ANGLE button while playing back a scene record with multiple angels.

13. <u>CAUTIONS ON USE</u>

13.1 Handing

When holding with both hands



- Do not use damaged (cracked or warped) discs.
- Do not scratch signal surface or let it get dirty.



13.2 Storing discs

- Always place discs in their case and store them vertically.
 Avoid storing discs in hot or humid places, places exposed to direct Sunlight and places in which the
- temperature is extremely low.
- Read any cautions included with the disc carefully.

13.3 Cleaning Discs

Fingerprints or dust on discs may reduce sound or picture quality.



Do not use benzene, thinner or other volatile chemicals. Do not use record spray or an antistatic spray either.

13.4 Irregularly shaped discs

Irregularly shaped discs (heart-shaped discs, hexagonal discs, etc.) cannot be played on this player. Doing so could damage the player. Never use such discs.



14. TROUBLE SHOOTING

Picture Disturbed When A DVD Is Recoded On A VCR Or Played Via A VCR

→ This player is compatible with analog copy protect type copy guard. Some discs include copy prohibit signals. Such discs will not play properly when played via a VCR when recoded on a VCR.

Play Cannot Be Operated With The Remote Control Unit

- → Remote control unit is too far from the main unit or at too strong an angle with respect to the remote sensor.
- \rightarrow Remote control unit's battery is worn out.

TV & Other Device Operate Erroneously

→ The player's remote control unit may cause some TVs with wireless remote control to operate erroneously.

No Sound Is Produced From Speakers Or Sound Is Distorted

- → For some discs, 96KHZ digital output of linear PCM audio signals is prohibited.
- → Disc is dirty
- \rightarrow Pause or slow play mode is set.
- \rightarrow Main unit's volume is set to the minimum.

Volume Different For DVDs And CDs

 \rightarrow This is due to the different recording methods.

No Sound Is Produced Or Sound Is Distorted When Connected To A

TV, An Amplifier, Etc.

- → Connection cords are not securely plugged in or not connected.
- → Connection plugs or jacks are dirty
- → Audio cables are not properly connected.
- → DTS audio digital output is connected to a non-compatible AV amplifier, etc.

Player Gets Hot

→ This is normal.

Note:

The player may stop operating properly due to static electricity or other external influences. In this case, unplugging the power cord then plugging it back in will usually resolve the problem. If not, consult your nearest service center.

Liquid Crystal Display

With liquid crystal display, a few picture elements may be black or shine particular color. This is normal.